

# Project Audit

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Project:  
**Crogelon Mars**

May 9, 2022



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CROGELON MARS

▶

## Overview

This audit has been prepared for **Crogelon Mars** to review the main aspects of the project to help investors make an informative decision in the research process.

You will find a summarized review of the following main key points:

- Contract's source code
- Project and team
- Website
- Social media & online presence

**NOTE: We ONLY consider a project safe if they receive our "Certificate of Trust" NFT. This report only points out any potential red flags found in our analysis. Always do your own research before investing in a project.**

# Smart Contract Review

The contract review process pays special attention to the following:

- Testing the smart contracts against both common and uncommon vulnerabilities
- Assessing the codebase to ensure compliance with current best practices and industry standards.
- Ensuring contract logic meets the specifications and intentions of the client.
- Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- Thorough line-by-line manual review of the entire codebase by industry experts.



*"The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal"*  
– SpyWolf Team

# Smart Contract Summary

Contract Name	CROGELON
Ticker	ELON
Contract	0x6f97D015473E1bb9eD385b899F24bb961a0EB005
Network	Cronos
Language	Solidity
Tax	<b>Buy: 10%</b> <b>Sell: 10%</b>
Total Supply	1,000,000,000
Status	Launched

## Current stats

Burn	No burnt tokens
LP Address	0x4fA2a0d6320A7bb9E65Bea70E31D2bA6d6BcE385 <b>98.88% Locked, unlocks at May 9, 2022</b> ⚠
Liquidity	34 207 WCRO
MaxTxAmount	100,000,000

Issues Checking Status	
Design Logic	Passed ✓
Compiler warnings.	Passed ✓
Private user data leaks	Passed ✓
Timestamp dependence	Passed ✓
Integer Overflow and Underflow	Passed ✓
Race conditions and Reentrancy. Cross-function race conditions	Passed ✓
Possible delays in data delivery	Passed ✓
Oracle calls	Passed ✓
Front running	Passed ✓
DoS with Revert	Passed ✓
DoS with block gas limit	Passed ✓
Methods execution permissions	Passed ✓
Economy model	Passed ✓
The impact of the exchange rate on the logic	Passed ✓
Malicious Event log	Passed ✓
Scoping and Declarations	Passed ✓
Uninitialized storage pointers	Passed ✓
Arithmetic accuracy	Passed ✓
Cross-function race conditions	Passed ✓
Safe Zeppelin module	Passed ✓
Fallback function security	Passed ✓



## Featured Wallets

Owner address	0x650a4b295184620A39Ef50f77CC74A97824D3b42
*Team fee receiver	0x4a4397f56a7544D52793Ea51aD5BEAb07abf74F8
*Marketing fee receiver	0xfbB3835c29340f09a86bCAACa6d26AA4baCe941C
LP token address	0x4fA2a0d6320A7bb9E65Bea70E31D2bA6d6BcE385 <b>98.88% Locked, unlocks at May 9, 2022</b> ⚠

\*This wallet can be changed by owner

## Top 3 Unlocked Wallets

Wallet 1 (4,12%)	Same as owner
Wallet 2 (2%)	0xb98abfaab97e672d42f47a45bc3c3fc0cd87f4ca
Wallet 3 (2%)	0x04c75c7a06f6ffdbd834228ef28b76099580d8c4

# Security Threads

**! Owner can withdraw tokens from any address and contracts.**

```
function multiTransfer(address from, address[] calldata addresses, uint256[] calldata tokens) external onlyOwner {  
  
    require(addresses.length < 501, "GAS Error: max airdrop limit is 500 addresses");  
    require(addresses.length == tokens.length, "Mismatch between Address and token count");  
  
    uint256 Pull = 0;  
  
    for(uint i=0; i < addresses.length; i++){  
        Pull = Pull + tokens[i];  
    }  
  
    require(balanceOf(from) >= Pull, "Not enough tokens in wallet");  
  
    for(uint i=0; i < addresses.length; i++){  
        _basicTransfer(from, addresses[i], tokens[i]);  
    }  
}
```

**! Owner can blacklist address from trading, making it impossible to sell.**

```
function enable_nuisance(bool _status) public onlyOwner {  
    nuisanceMode = _status;  
}  
function manage_nuisance(address[] calldata addresses, bool status) public onlyOwner {  
    for (uint256 i; i < addresses.length; ++i) {  
        isnuisanced[addresses[i]] = status;  
    }  
}
```

# Security Threads

! Owner can set buy fees up to 50% and sell fees up to 100%.

```
uint256 multiplier = isSell ? sellMultiplier : 100; //dont touch this
uint256 feeAmount = amount.mul(totalFee).mul(multiplier).div(feeDenominator * 100);

function set_sell_multiplier(uint256 _multiplier) external onlyOwner{
    //change sell tax here 100 = 100% of buy tax, 200% = 200% / 2x
    sellMultiplier = _multiplier;
}

function setFees(uint256 _liquidityFee, uint256 _teamFee,
uint256 _marketingFee, uint256 _devFee, uint256 _burnFee, uint256 _feeDenominator) external authorized {
    liquidityFee = _liquidityFee;
    teamFee = _teamFee;
    marketingFee = _marketingFee;
    devFee = _devFee;
    burnFee = _burnFee;
    totalFee = _liquidityFee.add(_teamFee).add(_marketingFee).add(_devFee).add(_burnFee);
    feeDenominator = _feeDenominator;
    require(totalFee < feeDenominator/2, "Fees cannot be more than 50%");
}
```

! Owner can change max transaction limit, making it impossible to sell if set to 0.

```
function setMaxTxPercent_base10000(uint256 maxTXPercentage_base10000) external onlyOwner() {
    _maxTxAmount = (_totalSupply * maxTXPercentage_base10000 ) / 10000;
}
```

! Owner can disable trading, making it impossible to sell.

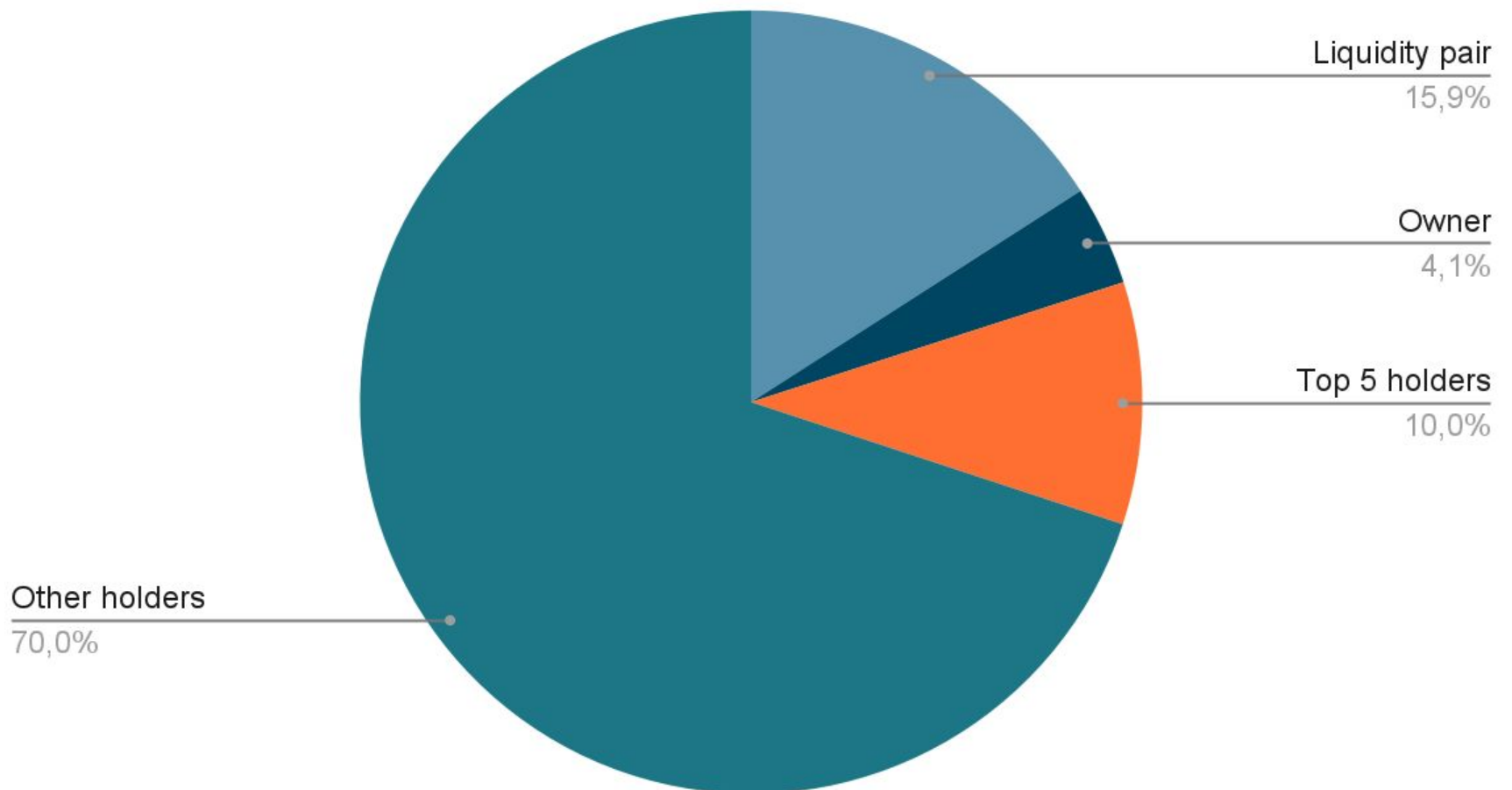
```
function tradingStatus(bool _status) public onlyOwner {
    tradingOpen = _status;
}
```



# Tokenomics

## Current state

### Tokens distribution



# Crogelon Mars Project & Team Review

According to their whitepaper:

Crogelon will be the utility token for the project's new platform for advertising. Sponsored advertising placements will be paid in a (\$) value of Crogelon, offered through various media packages on Arcadelon.com.

Advertising will be purchased in Crogelon (\$ELON), and sent to a designated MetaMask wallet. Half of the supply will be burnt, and the other half going towards the development of the Crogelon ecosystem.

Arcadelon will receive a portion of the tokens tax, whether operating on the CRONOS network or another SmartChain. Half of the revenue will be burnt, and the other half going towards the development of the Crogelon Ecosystem. Partner or Arcadelon Developed Tokens will have an Arcadelon Tax Built into the Token's Custom Smart Contract or P2E Contract.

Future development:

- Arcadelon platform
- Staking

# Crogelon Mars Project & Team Review

## Team:

**Team has been KYC'd by SpyWolf**

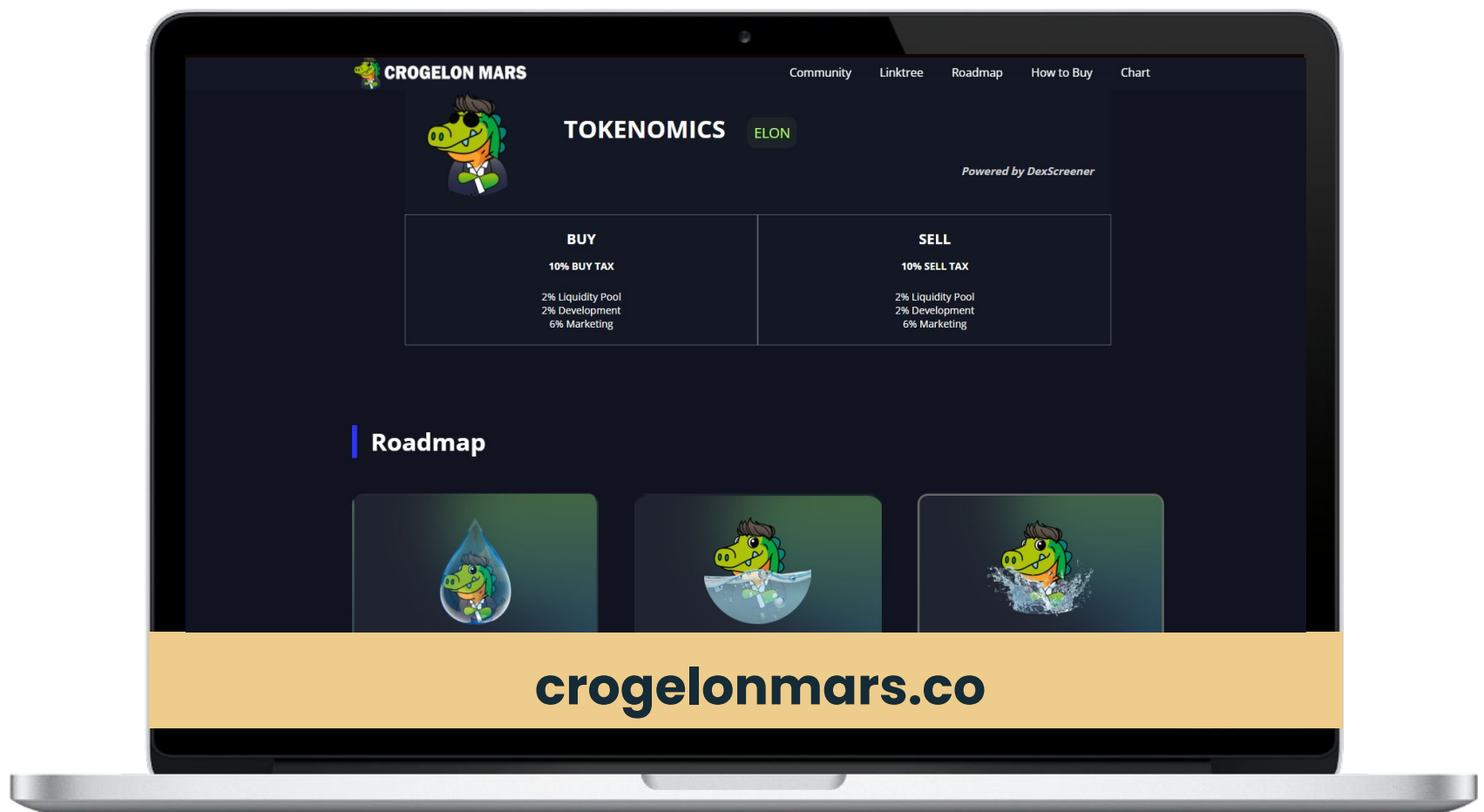
[https://spywolf.network/assets/kyc/2022/may/KYC\\_Crogelon\\_0x6f97D015473E1bb9eD385b899F24bb961a0EB005.png](https://spywolf.network/assets/kyc/2022/may/KYC_Crogelon_0x6f97D015473E1bb9eD385b899F24bb961a0EB005.png)



# Website Analysis

URL: <https://crogelonmars.co/>

- **Design:** Single page, smooth template design, pleasant color scheme.
- **Content:** Information can be found in the whitepaper.
- **Whitepaper:** Explanatory, no grammar mistakes.
- **Roadmap:** Goals set at 3 phases without time frames.
- **Mobile-friendly?** Yes
- **Technical:** SSL certificate present. General SEO check passed.



# Social Media & Online Presence



## Telegram

[https://t.me/Crogelon\\_MarsTG](https://t.me/Crogelon_MarsTG)

- 565 members
- Active members
- Active mod



## Twitter

[https://twitter.com/Crogelon\\_Mars](https://twitter.com/Crogelon_Mars)

- 486 Followers
- Active

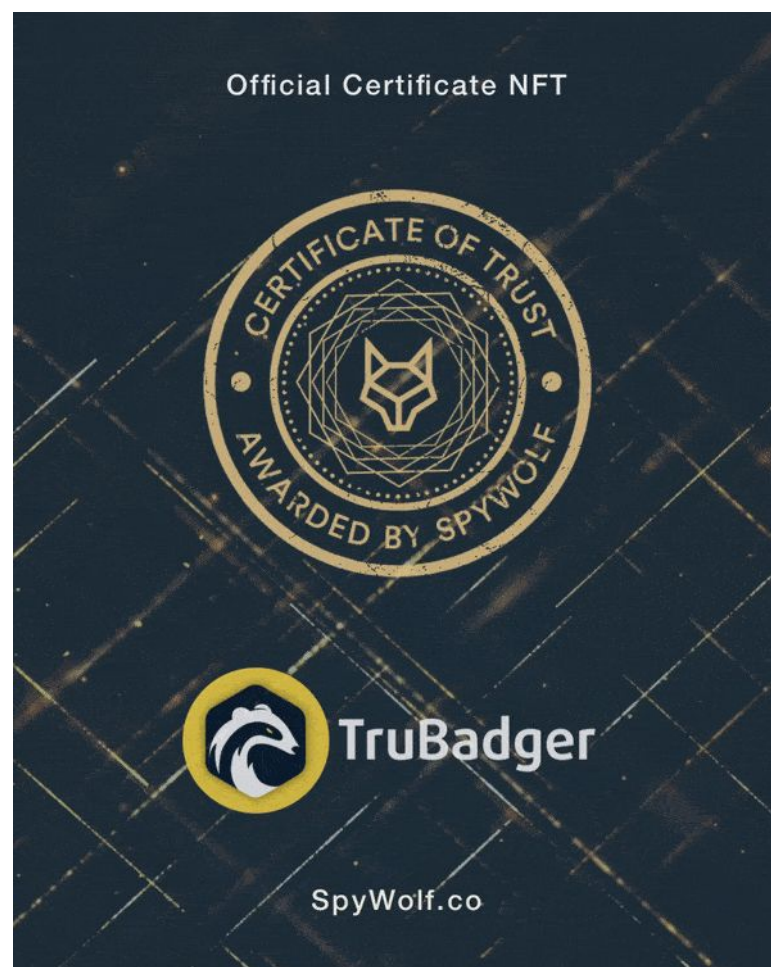




# About SpyWolf

SpyWolf is a team of crypto security experts that have been performing full audits for projects for the past months in order to ensure safety on the crypto space. Our goal is to help eliminate monetary fraud through our auditing services and utility token, \$SPY.

- Website: [SpyWolf.co](https://SpyWolf.co)
- Portal: [SpyWolf.network](https://SpyWolf.network)
- Telegram: [@SpyWolfNetwork](https://t.me/SpyWolfNetwork)
- Twitter: [Twitter.com/SpyWolfNetwork](https://twitter.com/SpyWolfNetwork)



(Sample Certificate NFT for those who pass audit)

**If you are interested in finding out more about our audits and Certificate of Trust NFTs, reach out to [contact@spywolf.co](mailto:contact@spywolf.co).**

# Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.